

Supplementary Online Content

Coon ER, Destino LA, Greene TH, Vukin E, Stoddard G, Schroeder AR. Comparison of as-needed and scheduled posthospitalization follow-up for children hospitalized for bronchiolitis: the Bronchiolitis Follow-up Intervention Trial (BeneFIT) randomized clinical trial. *JAMA Pediatr*. Published online July 6, 2020. doi:10.1001/jamapediatrics.2020.1937

eTable 1. Comparison of Study Participants and Nonparticipants

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Comparison of Study Participants and Nonparticipants

Characteristic	Participants N=304	Non- participants N=244	P-value ^a
Age, no. (%)			
<2 months	47 (16)	57 (23)	
2-12 months	169 (56)	136 (56)	
13-24 months	88 (29)	51 (21)	0.02
Female sex, no. (%)	125 (41)	117 (48)	0.11
Race, no. (%)			
American Indian/Alaska Native	3 (2)	1 (2)	
Asian	23 (8)	20 (8)	
Black/African American	7 (2)	4 (2)	
Native Hawaiian/Pacific Islander	26 (9)	23 (9)	
White	229 (75)	185 (76)	
Other	16 (5)	11 (5)	0.94
Hispanic ethnicity, no. (%)	90 (30)	78 (32)	0.55
Government insurance, no. (%)	125 (41)	100 (41)	0.98
Presence of a chronic medical condition, no. (%)	21 (7)	23 (9)	0.28
Positive viral testing, no. (%) ^b	208 (86)	178 (90)	0.17
Received care in intensive care unit, no. (%)	85 (28)	64 (26)	0.65
Max respiratory support during hospitalization, no. (%)			
No respiratory support needed	56 (18)	38 (16)	
Nasal cannula	122 (40)	98 (40)	
High-flow nasal cannula	79 (26)	67 (27)	
BiPap or CPAP	43 (14)	36 (15)	
Intubated and ventilated	4 (1)	5 (2)	0.87
Discharge medications related to bronchiolitis, no. (%)			
Beta-agonist	24 (8)	14 (6)	0.32
Inhaled steroid	2 (1)	4 (2)	0.27
Systemic steroids	1 (0)	1 (0)	0.88
Oral antibiotics	37 (12)	38 (16)	0.25
Total hospital length of stay, mean (SD) days	2.3 (1.9)	2.6 (2.2)	0.10
Day of illness at the time of discharge, mean (SD) days	6.0 (2.7)	6.5 (3.4)	0.04

^aCalculated using the χ^2 test for categorical variables and the t-test for continuous variables.

^bDenominators for positive viral testing variable are the number of patients who underwent viral testing, 243 and 198 patients among the participants and non-participants, respectively.

eTable 2. Reasons That Inpatient Team Gave for Wanting Scheduled Follow-up

Treated for pneumonia and had prolonged fevers
Patient dropped off growth curve and needs to follow closely for failure to thrive
Young age, 2nd admission in 3 weeks
Social work concerned about mom, almost called CPS, thinks she should be followed closely
Young age, maternal anxiety
Was found to be methamphetamine positive
Child has chronic feeding issues, not getting enough caloric intake
Not drinking well at discharge
Morbid obesity, hypertension
Young infant, hospitalist worried that mom unable to articulate concerns
Very complex and sick, seemed to respond to multiple therapies
They are concerned about mom's health literacy
Child developed bacterial pneumonia, is on antibiotics
Need to establish care with PCP
Choking vs apnea spell at home, young patient
Mom with high anxiety around all aspects of care
Missing vaccinations and per conversation with PCP was lost to follow up
Due for 6 month immunizations
Presented for care 4 times prior to admission
Started on an inhaled corticosteroid, follow-up for asthma
Would like a weight check
Parents anxious about discharge and need PCP follow up to help them feel more comfortable going home
Patient just moved from another country
Received albuterol and systemic steroids, going home with controller
Just moved here from another country, behind on immunizations
Patient has had several episodes of wheezing and bounced around various emergency departments, seen by pulmonology during hospitalization
Want child to follow up with PCP due to feeding issues
Want patient to follow up for feeding
Patient had rapid response activated early on in illness and family incredibly anxious
Want recheck of ears after starting antibiotics for acute otitis media
Patient started on steroid and albuterol for reactive airway disease symptoms
This patient lives in a rural setting and attending thought it best that there be follow-up due to the distance from a children's hospital if other issues were to arise

eTable 3. Comparison of Participants Included in Analysis vs Those Lost to Follow-up

Characteristic	Included in analysis N=269	Lost to follow-up N=35	P-value^a
Age, no. (%)			
<2 months	39 (15)	8 (23)	
2-12 months	153 (57)	16 (46)	
13-24 months	77 (29)	11 (31)	0.34
Female sex, no. (%)	114 (42)	11 (31)	0.22
Race, no. (%)			
American Indian/Alaska Native	2 (1)	1 (3)	
Asian	21 (8)	2 (6)	
Black/African American	6 (2)	1 (3)	
Native Hawaiian/Pacific Islander	21 (8)	5 (14)	
White	207 (77)	22 (63)	
Other	12 (5)	4 (11)	0.23
Hispanic ethnicity, no. (%)	79 (30)	11 (31)	0.80
Need for interpretation, no. (%)	24 (9)	1 (3)	0.22
Government insurance, no. (%)	109 (41)	16 (46)	0.56
Either parent graduated college, no. (%)	140 (52)	11 (31)	0.02
Gestational age, no. (%)			
>37 weeks	197 (73)	16 (46)	
34-37 weeks	55 (20)	16 (46)	
<34 weeks	17 (6)	3 (9)	<0.01
History of wheezing, no. (%)	72 (27)	10 (29)	0.82
History of eczema, no. (%)	53 (20)	9 (26)	0.41
Presence of a chronic medical condition, no. (%)	18 (7)	3 (9)	0.68
Positive viral testing, no. (%) ^b	185 (85)	23 (88)	0.66
Received care in intensive care unit, no. (%)	78 (29)	7 (20)	0.27
Max respiratory support during hospitalization, no. (%)			
No respiratory support needed	49 (18)	7 (20)	
Nasal cannula	105 (39)	17 (49)	
High-flow nasal cannula	72 (27)	7 (20)	
BiPap or CPAP	39 (15)	4 (11)	
Intubated and ventilated	4 (1)	0 (0)	0.73
Discharge medications related to bronchiolitis, no. (%)			
Beta-agonist	22 (8)	2 (6)	0.61
Inhaled steroid	2 (1)	0 (0)	0.61
Systemic steroids	1 (0)	0 (0)	0.72
Oral antibiotics	34 (13)	3 (9)	0.49
Total hospital length of stay, mean (SD) days	2.4 (2.0)	1.8 (1.4)	0.96
Day of illness at the time of discharge, mean (SD) days	6.1 (2.7)	5.4 (2.0)	0.92
Parental anxiety ^c at discharge, mean (SD)	7.2 (4.3)	7.5 (3.5)	0.74

Characteristic	Included in analysis N=269	Lost to follow-up N=35	P-value^a
Randomized to as-needed follow-up	138 (51)	15 (43)	0.35

^aCalculated using the χ^2 test for categorical variables and the t-test for continuous variables.

^bDenominators for positive viral testing variable are the number of patients who underwent viral testing, 217 and 26 patients among those included in the analysis and lost to follow-up, respectively.

^cMeasured by the anxiety portion of the Hospital Anxiety and Depression Scale (HADS).